

**Abstract:**

**Subject:** The investigation of Tabriz medical university dental students' awareness of Hepatitis B transmission and control in 2013.

**INTRODUCTION**

Viral hepatitis is systemeic viral infection which usually infects the liver and can be transmitted from one to another. Considering hepatitis B as chronic and long-term disease, it results in mental problems in addition to physical ones. Therefore, it is very important for all people especially the personnel of hygienic centers to know about this disease and its transmitting ways.

**PURPOSE**

The purpose of this study was the investigation of Tabriz medical university dental students' awareness of Hepatitis B transmission and prevention in 2013.

**MATERIAL AND METHODS**

This study was a cross sectional research in which Tabriz medical university dental students' awareness of Hepatitis B transmission and prevention was examined through questionnaire filled by 100 participants. The collected questionnaires were analyzed using analytic-descriptive statistics in Spss software. In all statistical analyses,  $p < 0.05$  was considered to be significant.

**RESULT**

Based on the results of statistical analysis, the comparison of awareness mean among students in different grades, using analysis of variance, indicated that the difference is not statistically significant. Also, there is no significant relationship between gender and awareness nor age and awareness.

**CONCLUSION**

Generally, there was no significant relationship between investigated variables namely age, academic years, gender and awareness about Hepatitis B transmission and prevention. In this study, the general awareness of students was 11.4 with standard deviation of 1.8.

**Key words:** dentistry students, infection control, awareness, hepatitis B, transmission